

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number 10/0387,612  
 Filing Date 1-8-2002  
 First Named Inventor Shmuel BEN-SASSON  
 Group Art Unit 1053 1654  
 Examiner Name J. RUSSEL  
 Attorney Docket Number BEN-SASSON=3A

jc997 U.S. PTO 10/038612

01/08/02

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
JR	AA	5,200,327		Garvin et al	04-06-1993	435/69.3
JR	AB	5,200,510		Kumar et al	04-06-1993	530/413
JR	AC	5,250,516		Urry	10-05-1993	514/17
JR	AD	5,340,800		Liu et al	08-23-1994	514/12
JR	AE	5,418,147		Huang et al	05-23-1995	435/69.1
JR	AF	5,439,887		<del>Hamm et al</del> Hamon et al	08-08-1995	514/13
JR	AG	5,478,810		Stuber et al	12-26-1995	514/17
JR	AH	5,527,681		Holmes	06-18-1996	435/6
JR	AI	5,556,744		Weiner et al	09-17-1996	435/5
JR	AJ	5,594,105		Comoglio et al	01-14-1997	530/326
JR	AK	5,688,513		<del>Binger et al</del> Binger et al	11-18-1997	424/27.1
JR	AL	5,693,325		Kahn	12-02-1997	424/188.1
JR	AM	5,763,198		Hirth et al	06-09-1998	435/7.21
JR	AN	5,777,093		Shiloh et al	07-07-1998	536/23.5
JR	AO	5,827,692		Tang et al	10-27-1998	435/69.1
JR	AP	5,843,462		<del>Conti-Fine</del> Conti-Fine	12-01-1998	424/245.1
JR	AQ	5,891,640		DeLeys	04-06-1999	435/7.1
JR	AR	5,910,478		Hlavka et al	06-08-1999	514/9
JR	AS	6,011,014		Andersen et al	01-04-2000	514/15
JR	AT	6,017,883		Cooper, Jr.	01-25-2000	514/12
JR	AU	6,228,989		Traugh et al	05-08-2001	530/350
JR	AV	6,232,287		<del>Ruoslahti et al</del> Ruoslahti et al	05-15-2001	514/2

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY.	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number				
JR	AW	WO	93/16703	Nambi et al	09-02-1993	530/326	
JR	AX	WO	94/07913	Dobrusin et al	04-14-1994	530/326	
JR	AY	WO	96/32411	Kavanaugh et al	10-17-1996	530/326	
JR	AZ	WO	97/25341	Kemp et al	07-17-1997	530/326	
JR	BA	WO	97/33908	Rivett et al	09-18-1997	530/326	
JR	BB	WO	98/32017	Kauvar et al	07-23-1998	530/326	

Examiner Signature

Jeffrey E. Russel

Date Considered

April 2, 2003

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	10/038,612
Filing Date	
First Named Inventor	Shmuel BEN-SASSON
Group Art Unit	1653
Examiner Name	J. RUSSEL
Attorney Docket Number	BEN-SASSON=3A

PTO  
2198612  
10/038612  
JCS997 U.S.

01/08/02

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
JR	BC	ALEMÁ et al, "Differentiation of PC12 pheochromocytoma cells induced by v-src oncogene", <u>Nature</u> 316:557-559 (1985)	
JR	BD	BIRCHALL et al, "Ro 32-0432, a Selective and Orally Active Inhibitor of Protein Kinase C Prevents T-Cell Activation", <u>J Pharmacol Exp Ther</u> 268(2):922-929 (1994)	
JR	BE	BRADSHAW et al, "Therapeutic potential of protein kinase C inhibitors", <u>Agents Actions</u> 38:135-147 (1993)	
JR	BF	DUDEK et al, "Regulation of Neuronal Survival by the Serine-Threonine Protein Kinase Akt", <u>Science</u> 275:661-665 (1997)	
JR	BG	FRANKE et al, "P13K: Downstream AKTion Blocks Apoptosis", <u>Cell</u> 88:435-437 (1997)	
JR	BH	FREEDMAN et al, "Desensitization of G Protein-Coupled Receptors", <u>Recent Prog Horm Res</u> 51:319-353 (1996)	
JR	BI	GLOVER et al, "Polo Kinase: The Choreographer of the Mitotic Stage?", <u>J Cel Biol</u> 135(6)(2):1681-1684 (1996)	
JR	BJ	HANKS et al, "The Eukaryotic Protein Kinase Superfamily", <u>The Protein Kinase Facts Book</u> , Vol. 1 (Hardie et al, eds), Academic Press, Chapter 2 (1995)	
JR	BK	HANKS et al, "The eukaryotic protein kinase superfamily: kinase (catalytic) domain structure and classification", <u>FASEB J</u> 9:576-596 (1995)	
JR	BL	HEMMINGS et al, "Akt Signaling: Linking Membrane Events to Life and Death Decisions", <u>Science</u> 275:628-631 (1997)	
JR	BM	HUBBARD et al, "Crystal structure of the tyrosine kinase domain of the human insulin receptor", <u>Nature</u> 372:746-753 (1994)	
JR	BN	HUGHES AL, "Evolution of the src-Related Protein Tyrosine Kinases", <u>J Mol Evol</u> 42:247-256 (1996)	

Examiner  
Signature

Jeffrey E. Russe

Date  
Considered

April 2, 2003

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3

of 3

Complete if Known

Application Number	10/038,612
Filing Date	
First Named Inventor	Shmuel BEN-SASSON
Group Art Unit	1653
Examiner Name	J. RUSSEL
Attorney Docket Number	BEN-SASSON=3A

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
JR	BO	INAZU et al, "Purification and characterization of a novel dimeric 20 alpha-hydroxysteroid dehydrogenase from <i>Tetrahymena pyriformis</i> ", <u>Biochem J</u> 297:195-200 (1994) *	
JR	BP	KOHN et al, "Expression of a Constitutively Active Akt Ser/Thr Kinase in 3T3-L1 Adipocytes Stimulates Glucose Uptake and Glucose Transporter 4 Translocation", <u>J Biol Chem</u> 271(49):31372-31378 (1996)	
JR	BQ	LOVRIĆ et al, "Activation of Mit/Raf protein kinases in mitotic cells", <u>Oncogene</u> 12:1109-1116 (1996)	
JR	BR	LANGE-CARTER et al, "A Divergence in the MAP Kinase Regulatory Network Defined by MEK Kinase and Raf", <u>Science</u> 260:315-318 (1993)	
JR	BS	MASON IJ, "The Ins and Outs of Fibroblast Growth Factors", <u>Cell</u> 78:547-552 (1994)	
JR	BT	McKENNA et al, "Atomic structure of the degraded procapsid particle of the bacteriophage G4: induced structural changes in the presence of calcium ions and functional implications", <u>J. Mol. Biol.</u> 256:736-750 (1996) *	
JR	BU	MOHAMMADI et al, "Structure of the FGF Receptor Tyrosine Kinase Domain Reveals a Novel Autoinhibitory Mechanism", <u>Cell</u> 86:577-587 (1996)	
JR	BV	NISHIZUKA Y, "Protein kinase C and lipid signaling for sustained cellular responses", <u>FASEB J</u> 9:484-496 (1995)	
JR	BW	PETIT G, <u>Synthetic Peptides</u> , Vol 4., Amsterdam: Elsevier Sci. Pub. Co. pp 212, 223, 470 (1976) *	
JR	BX	SIMMONS et al, "Identification of an Early-Growth Response Gene Encoding a Novel Putative Protein Kinase", <u>Mol Cell Biol</u> 12:4164-4169 (1992)	
JR	BY	TAYLOR et al, "cAMP-dependent protein kinase defines a family of enzymes", <u>Phil Trans R Soc Lond B</u> 340:315-324 (1993)	

Examiner  
Signature

Jeffrey E. Russel

Date  
Considered

April 2, 2003

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.